



## HINTS & TRICKS

THE SURPRISING USES OF THE  
AQUAMA® SOLUTION



aquama® 



# 100% biodegradable 100% efficient

Would you believe that cleaning and disinfecting your home by using only water, salt, and electricity is feasible? Or would you think it's mission impossible? And yet, that is what aquama® does day after day.

And what if you had only one cleaning product to choose from? aquama® is certainly a must! Efficient on all water-resistant surfaces, aquama® has plenty surprising uses to offer.

The ecological alternative made by aquama® replaces up to 90% of all conventional cleaning products. So why do without it any longer? Discover all the different amazing ways to use aquama®...



ECOLOGICAL



EFFICIENT



THRIFTY

# Water, salt, and electricity...

Cathode, anode, pyrolysis, hydrolysis... Do those words ring a bell? Does that sound like a chemistry lesson? Here a little refresher: hydrolysis is the process for decomposing water ( $H_2O$ ) into oxygen ( $O_2$ ) and hydrogen (H) by using an electric current. This principle, which combines water, salt, and electricity, was first stabilised on May 2<sup>nd</sup>, 1800 by two eminent British scientists: Mr William Nicholson and Sir A. Carlisle. In 1807, the chlorine resulting from this process was then isolated by Sir Humphry Davy, thus revealing an inexhaustible and ecological bactericide.

The aquama<sup>®</sup> technology simply consists of an electric-chemical activation process allowing several detergent and disinfectant cleaning solutions that are environment-friendly. aquama<sup>®</sup> is the first company in the world to market a hydrolysis product that is both a detergent and a disinfectant. These solutions consisting of water, salt, and electricity (by means of a patented process) replace 70–80% of conventional detergents and disinfectants.

The aquama<sup>®</sup> process is a major technological breakthrough, providing a disinfectant solution with a neutral pH value remaining stable for several days if made with a home device, and even up to 6 months if produced with an industrial machine. And by the way, thanks to the aquama<sup>®</sup> technology, our carbon footprint will drop considerably.



## **MICROBES, BACTERIA AND VIRUSES**

Microbes are microscopic living organisms (a hundred to ten thousand times smaller than a grain of sand!). In water, on land or suspended in the air, microbes are capable to colonise all kinds of environments, even the most extreme in terms of temperature (cold and hot) and all depending on the nature of the surface. Microbes can remain active for up to several days on our tables, hands, telephones, pets or in our cars. Microbes mainly comprise bacteria and viruses.

Bacteria measure around 1  $\mu\text{m}$  in size and usually come in the shape of a ball or a rod. They are the first life forms to have appeared on Earth. Many of them are not harmful and some of them are even beneficial to humans (e.g. digestion). But others are the cause of serious infectious diseases like plaque, cholera, tuberculosis or, less dangerous, angina. To prevent bacteria from multiplying, antibiotics are generally used. Then there are also viruses. About twenty times smaller than bacteria, viruses are microscopic infectious agents. To multiply, they must enter the host cell and jeopardize its replication functions. All viruses cause diseases (e.g. poliomyelitis, influenza, rabies, AIDS, smallpox). Antibiotics have no effect on them.

The aquama® detergent and disinfectant solution is effective against proliferating microbes and meets all the bactericidal, fungicidal, virucidal, yeast and sporicidal requirements of the various European (EN, VAH) and American (ASTM) certifications regarding disinfection standards. When hygiene is a priority, aquama® is your best friend!



aquanox

  
EFFICIENCY

  
ECOLOGY

  
MULTI-USE

Détergent & Désinfectant  
Reinigung & Desinfektionslösung  
Sport | Hospital | Catering | Housekeeping



**HYGIENE & CHILDREN**

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HINT N°1

Disinfect baby's teat  
and bottle...





## HYGIENE & CHILDREN

### HINT N°2

...and all the toys as well!

aquama® is most useful to parents and can be safely applied on children's toys and other objects, as there is no hazard in case of contact with the skin and eyes, or in the unlikely event of ingestion.

aquama® helps to create a safe and healthy environment for children because, unlike other conventional products used for cleaning, it does not pollute the indoor air.

There is no risk at all of inhaling allergens or endocrine disruptors because the aquama® solution does not contain any of them, neither does aquama® release any chloramines (according to the reports established by the independent laboratory SGS France).

aquama® is also used by hundreds of nurseries in France, like the Crèche Attitude network. After cleaning toys, do not forget to rinse them with tap water.



## HYGIENE & BEAUTY CARE

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### HINT N°3

## Disinfect toothbrushes regularly

People brush their teeth regularly, but often forget to clean the toothbrush itself, even though it is a breeding ground for bacteria. Due to its bactericidal features, aquama® disinfects toothbrushes very effectively. Spray some aquama® directly on the brush, leave it for a few minutes and then rinse with tap water. Different method: soak the toothbrush overnight in a glass filled with some aquama® solution diluted in tap water and then rinse it the next morning.



## HYGIENE & PETS

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### HINT N°4

Clean and disinfect the accessories of your pets



Animals have a highly developed sense of smell and are therefore quite sensitive to the scents used in detergents. Moreover, the chemicals in most products are harmful for pets and humans alike. The aquama® solution however is totally harmless for pets so they can live in a clean, healthy, and hazardless environment. aquama® is particularly suitable for cleaning all pets' accessories (litter, bowl, transport cage) because of its disinfectant features.

aquama® is also in use by the well-known canine educator and behaviourist in the Oise region of France (Céline Gaillard Franco, Bon chef bon chien) who told us the following:

*"With aquama® I can clean and disinfect the habitat of all my pets, without resorting to products known to be a risk for health and a hazard for our common well-being."*

## HYGIENE & HOME SWEET HOME

### HINT N°5

#### Clean the screen

Computers, smartphones, tablets, and other technological tools are often much dirtier than one may think. According to a scientific study, smartphones may even get seven times filthier than toilet bezels!

According to a Deloitte survey (2017), people pick up their mobile phones 26 times a day on an average because they tend to always take their phone everywhere they go (in public transports, at work, in the streets and to the toilet as well...). Mobile phones are therefore continuously exposed to germs which is why it is so important to clean them regularly.

aquama® being a non-corrosive solution with antibacterial features, it is particularly suitable to clean your screens with. But be careful to spray the solution directly onto the microfibre cloth rather than on the device itself.





A white refrigerator is the central focus of the image. A person's hand, wearing a white long-sleeved shirt, is visible at the bottom left, resting on the handle of the refrigerator. The background shows a kitchen counter with a green metal rack holding wooden shelves and a pen holder. The overall scene is brightly lit, suggesting a clean and hygienic environment.

**HYGIENE &  
HOME SWEET HOME**

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**HINT N°6**

Get rid of smells  
in the fridge...

## HYGIENE & HOME SWEET HOME

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### HINT N°7

#### ...and in the dustbin

To get rid of stubborn odours in the kitchen, trust aquama®! Thanks to its disinfectant and bactericidal features, this efficient cleaning solution gets also rid of all unpleasant smells.

It is highly recommended to clean the fridge at least once a month to prevent bacteria (and therefore odours) from developing. aquama® is safe to use in the fridge because it is totally hazardless in case of contact with food.

If the bin is getting smelly, spray a bit of the aquama® solution inside to deodorise it. aquama® is also effective against odours from drainpipes, sanitary facilities, or dishwasher filters.



aquanma



Disinfectant & Detergent  
Desinfectante & Detergente Limpiador  
Hygien | Hospital | Cleaning | Housekeeping





emurpee

## HYGIENE & BEAUTY CARE

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### HINT N°8

## Clean and disinfect make-up brushes

Every day, make-up brushes tend to accumulate dust, dirt, and impurities, spreading germs on the skin with each use. It is therefore essential to clean them regularly, at least once a week.

Spray a small amount of the aquama® solution on the brushes. Then gently rub them with a microfibre cloth until they are clean. At the end, rinse them with tap water. They are now perfectly disinfected!

## HYGIENE & HOME SWEET HOME

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### HINT N°9

## Clean leather-made sofas and car interiors

Even though aquama® is totally free of aggressive poisonous chemicals, it removes even the most stubborn stains without damaging the surface. And the same goes for leather! Incredible? No, not at all! We have tested the aquama® solution on a white leather sofa, a leather-made car interior and a lady's leather handbag as well... the results are simply dazzling!

Although the aquama® solution is as effective as can be, leather will always want a thorough polish to get that good old shine back again.

## HYGIENE & HOME SWEET HOME

### HINT N°10

## Disinfect door handles and light switches

How often do people touch door handles and light switches at home and in the office? Hard to say... but one thing is for sure: this is where germs tend to accumulate. And this is exactly where we need to disinfect regularly to prevent germs from spreading, especially now in our virus-stricken days. Spray a little aquama® on a microfibre cloth and then clean all surfaces in need of disinfection.



**HYGIENE & HOME SWEET HOME**

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HINT N°11

Clean (unwaxed) wooden floors

Afraid of damaging your floor when cleaning it with conventional cleaning products? Switch to aquama® and all worries will be gone with the wind! Because everything that stands water, gets perfectly clean with aquama®.

aquama® is a non-corrosive solution due to its neutral pH value. Only oiled or waxed floors should be avoided because of the degreasing effect of aquama® which is perfectly suitable for cleaning all other types of floors, such as carpets, linoleum, and tiles.

**HYGIENE & HOME SWEET HOME**

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HINT N°12

Clean car rims and frame



Can aquama® be used for cleaning cars? Of course it can: for the rims, the frame, the windshield, and car interiors. Nothing will resist against aquama®, not even sludge and motor oil. No more need to buy expensive detergents specially made for cleaning cars. What is more, the ingredients of conventional products are often quite harmful to health.

## HYGIENE & HOME SWEET HOME

### HINT N°13

#### Clean the fireplace glass panes

On cold winter evenings, people warm up near the fireplace which brings a cosy touch to their home sweet home. However, the soot that accumulates on the glass panes may take all the charm away. For a clean and sparkling fireplace, there is no need to buy expensive chemical cleaning products that are often poisonous as well. All one needs to do is to first remove the greater part of the soot by simply rubbing the glass pane with a newspaper dipped into the ashes. Then spray plenty of aquama® solution on a microfibre cloth and rub the last smudges away. As easy as pie! And then sit back and enjoy the dazzling flames dancing behind the invisible glass!



## HYGIENE & COOKING

### HINT N°14

## Degrease the cooking hood and cooktops

Grease that accumulates on the hood and on plates when cooking food can be stubborn and difficult to remove. The degreasing features of aquama® are particularly effective on these surfaces.

Many restaurants in the habit of using aquama® daily for cleaning their kitchens have confirmed its effectiveness: the Auberge du Père Bise, Le Café du peintre, Le Café Terroir, just to mention a few ...



## HYGIENE & HOME SWEET HOME

### HINT N°15

## Clean the garden utensils

If you have a green thumb, aquama® will be more than helpful to keep your gardening tools as new as can be! Clean them after each use and disinfect the blades regularly to prevent the spread of plant diseases.

After removing soil residues from the tools, wash them with a microfibre cloth soaked in aquama® (but refrain from applying the solution directly on raw metal surfaces).







## HYGIENE & COOKING

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### HINT N°16

## Degrease raclette and fondue pots and pans

When the cold weather season is back again, what could be better than a raclette or a fondue to warm up? Keep kitchen appliances in perfect condition after each use by cleaning them thoroughly.

Be careful, however, as abrasive products and sponges can scratch shiny surfaces.

Luckily, with aquama<sup>®</sup>, no more need to resort to any aggressive poisonous cleaning products. Degrease all kitchen appliances, pots, and pans, even when they are cold. The same applies to grease on bakeware often defying dishwashers. Moreover, aquama<sup>®</sup> is hazardless in case it gets in touch with food!

## HYGIENE & HOME SWEET HOME

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### HINT N°17

## Clean mirrors and windowpanes

The aquama<sup>®</sup> solution used together with a special glass microfibre cloth will get effortlessly rid of all smudges on any glass surfaces. For best results, dilute 1/3 of the aquama<sup>®</sup> solution in 2/3 of water.

**HYGIENE & HOME SWEET HOME**

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HINT N°18

Remove fresh stains (coffee, soda) from carpets and wall-to-wall rugs

Before cleaning the whole stained surface, try cleaning a small spot first by spraying a bit aquama® directly on the fresh stain: then rub and allow to dry.

**HYGIENE & COOKING**

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HINT N°19

Degrease barbecues

Barbecue grills get into direct contact with food and must therefore be thoroughly cleaned after each use, no matter if they are made of steel, cast iron, stainless steel, or if the barbecue runs on charcoal, electricity or gas. Whatever the case may be, aquama® is best for cleaning any of the above-mentioned surfaces. First allow the grill to cool down a bit and then spray some aquama® on it. Thoroughly scrub with a wire brush to remove remaining pieces of meat.





## HYGIENE & SPORTS

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### HINT N°20

## Disinfect and clean all your sports gear

At home and in the gym, first disinfect all sports equipment (weights, work-out gear, and other bodybuilding installations...) that you are bound to get in touch with. People are not always aware that sports gear is one of the favourite places where bacteria dwell.

Especially at the gym, sports gear is used by many different persons who all do their workouts in a warm and humid environment which allows bacteria to proliferate. Most of the time, much of the equipment is not even cleaned after each use. Thus, you better do it yourself and not take any risks!

The same applies to fitness mats the surfaces of which are porous and full of bacteria. Therefore, disinfect them after each use. This job is as easy as pie with aquama®, the 100% biodegradable disinfectant solution, totally safe to use even on your skin.

**HYGIENE & HOME SWEET HOME**

HINT N°21

Clean your terrace and garden furniture

Terrace and garden furniture, if regularly exposed to changing weather conditions, will need cleaning with aquama®, perfectly suited for all types of floors (stone, tiles, unsealed or unsealed wood). Dilute the solution by pouring 1L aquama® for 1L water in a bucket. Please note that the aquama® solution will stay active only for 1 day in the open air, but for up to 7 days inside a spray bottle. On garden furniture made of plastic, wood, braided resin, metal, or aluminium, use aquama® by first spraying it undiluted on an aquama® microfibre cloth. Cleaning as easy as pie! Terrace and garden furniture will be 100% clean without any hazards to the environment nor to your own health.



## HYGIENE & COOKING

### HINT N°22

## Clean dishes and kitchen utensils

The detergent, disinfectant, and degreasing aquama® solution is totally safe for use, even if it gets in touch with food. Cutlery, plates, glasses, pots, and pans... everything can be cleaned with aquama®. What is more, it saves a lot of water! Many people believe that a detergent does not clean well if it does not foam.

But in fact, people spend more time rinsing off the foam than really cleaning things, which ends up in costing much money for a lot of tap water wasted for nothing. aquama® is at least as effective as conventional cleaning products and there is no need for rinsing.



## HYGIENE & HOME SWEET HOME

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### HINT N°23

## Remove mould and mildew

In damp rooms, mildew tends to appear on the ceiling, walls, and joints. In addition to being unattractive, mould can be risky for health. To get rid of them, spray some aquama® solution directly on the mould and mildew.

Let the solution soak 15 minutes, then wipe it off. Repeat if need be. For large surfaces such as walls, dilute the solution 50% with water.

## HYGIENE & COOKING

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### HINT N°24

## Disinfect the dishwasher before a washing cycle

Do you use a dishwasher? Then please make sure you regularly clean your machine (at least once a month) to keep it running smoothly. Dishwashers clogged up with dirt will not last long and also create a breeding ground for germs.

Grease and food residue that accumulates in the dishwasher can also cause unpleasant odours. To prevent this, spray a bit aquama® detergent and disinfectant solution directly inside the dishwasher and allow it to dry before turning on the next washing cycle.



## HYGIENE & SPORTS

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### HINT N°25

## Clean the bikes

Who does not know that riding a bike is healthy? It is not only good for the mind and the body, but also the best ecological way to move around. Especially in cities, bike riding is becoming more and more popular.

aquama® is also best for cleaning bikes and maintaining them as good as new. First remove any dirt, then clean all surfaces such as the frame, saddle, handlebar, and mudguards with a microfibre cloth soaked in a bit of aquama® (but refrain from applying the solution directly on raw metal surfaces).





## HYGIENE & HOME SWEET HOME

### HINT N°26

## Disinfect your clothes

Coats, gloves, hats... all day long, people put on and take off their clothes when weather conditions change. On public transports, or while waiting in line at the supermarket, in school... People's clothes are bound to get in touch with contaminated surfaces. And sometimes they also may end up in some unclean wardrobes. Do not forget that the influenza virus (responsible for seasonal flu) survives for more than eight hours on a piece of clothing, while the rotavirus (responsible for most gastroenteritis) can remain active for several weeks.

aquama® is best for disinfecting household textiles, clothing, and fabrics (except silk). Spray a bit aquama® solution inside the dressing room from time to time for quick sanitizing.





## HYGIENE & COOKING

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### HINT N°27

## Disinfect fruit and vegetables

As soon as people get home from shopping with their bags full of fruit and vegetables, they must then stow away the groceries! Some of the fruit and vegetables stay fresh in the fridge but others should be stored in the open air and/or away from light.

Before storing food items, it is best to disinfect them. To do this, spray all fruit and vegetables with a little bit of aquama® solution. However, do not rinse them. This will also allow storage for a longer amount of time. But before eating this food, first rinse it with tap water and then dry it with a clean cloth.



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